Resource Summary Report

Generated by RRID on Aug 31, 2026

Cav1-GFP

RRID:Addgene_14433
Type: Plasmid

Proper Citation

RRID:Addgene_14433

Plasmid Information

URL: http://www.addgene.org/14433

Proper Citation: RRID:Addgene_14433

Insert Name: Caveolin-1

Organism: Canis familalis

Bacterial Resistance: Kanamycin

Defining Citation: PMID:16129785

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4749; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: Cav1-GFP

Record Creation Time: 20220422T221817+0000

Record Last Update: 20260829T075649+0000

Ratings and Alerts

No rating or validation information has been found for Cav1-GFP.

No alerts have been found for Cav1-GFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Alvelid J, et al. (2026) Smart event-triggered MINFLUX microscopy to catch and follow rare events. Nature communications, 17(1).

Maekawa Y, et al. (2026) Bleb expansion requires transient membrane invaginations that sequester curvature-preferring proteins. Proceedings of the National Academy of Sciences of the United States of America, 123(21), e2534871123.

Baryalai P, et al. (2025) Hemagglutinin Protease HapA Associated With Vibrio cholerae Outer Membrane Vesicles (OMVs) Disrupts Tight and Adherens Junctions. Journal of extracellular vesicles, 14(5), e70092.

Morana O, et al. (2022) Identification of a New Cholesterol-Binding Site within the IFN-? Receptor that is Required for Signal Transduction. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(11), e2105170.

Nadeem A, et al. (2021) Suppression of ?-catenin signaling in colon carcinoma cells by a bacterial protein. International journal of cancer, 149(2), 442.

Nadeem A, et al. (2021) Phosphatidic acid-mediated binding and mammalian cell internalization of the Vibrio cholerae cytotoxin MakA. PLoS pathogens, 17(3), e1009414.

Rausch V, et al. (2019) The Hippo Pathway Regulates Caveolae Expression and Mediates Flow Response via Caveolae. Current biology : CB, 29(2), 242.

Besprozvannaya M, et al. (2018) GRAM domain proteins specialize functionally distinct ER-PM contact sites in human cells. eLife, 7.

Boothe T, et al. (2016) Inter-domain tagging implicates caveolin-1 in insulin receptor trafficking and Erk signaling bias in pancreatic beta-cells. Molecular metabolism, 5(5), 366.

Azizi PM, et al. (2015) Clathrin-dependent entry and vesicle-mediated exocytosis define insulin transcytosis across microvascular endothelial cells. Molecular biology of the cell, 26(4), 740.

Kim SY, et al. (2013) Collective behaviors of mammalian cells on amine-coated silicon nanowires. Nanotechnology, 24(45), 455704.

Long M, et al. (2012) Lipid raft/caveolae signaling is required for Cryptococcus neoformans invasion into human brain microvascular endothelial cells. Journal of biomedical science, 19(1), 19.

Mishra SK, et al. (2012) High-affinity Dkk1 receptor Kremen1 is internalized by clathrin-mediated endocytosis. PloS one, 7(12), e52190.

Billiet L, et al. (2012) Gene transfer by chemical vectors, and endocytosis routes of polyplexes, lipoplexes and lipopolyplexes in a myoblast cell line. Biomaterials, 33(10), 2980.

Li Q, et al. (2009) Subdiffraction-limit two-photon fluorescence microscopy for GFP-tagged cell imaging. Biophysical journal, 97(12), 3224.